

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/690,716
				Filing Date	October 21, 2003
				First Named Inventor	HIGGINS, Michael Francis
				Art Unit	2676
				Examiner Name	LUU, Matthew
				Attorney Docket Number	08831.0060

[illegible]

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
M.L.		GB 2 282 928 A	04-19-1995	Childs et al		

Examiner Signature	MATTHEW LUU	Date Considered	
-----------------------	-------------	--------------------	--

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST .16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 2213-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/690,716
				Filing Date	October 21, 2003
				First Named Inventor	HIGGINS, Michael Francis
				Art Unit	2676
				Examiner Name	LUU, Matthew
Sheet	2	of	2	Attorney Docket Number	08831.0060

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
ML		USPTO, Notice of Allowance, dated March 21, 2005 in US Patent No. 6,980,219 (US Serial No. 10/691,200, Attorney Docket No. 8831.0057)	
ML		USPTO, Non-Final Office Action dated July 27, 2006 in US Patent Publication Number 2005/0083352 (US Serial No. 10/691,396, Attorney Docket No. 8831.0059)	

Examiner Signature	MATTHEW LUU	Date Considered	8/24/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031
 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/690,716
		Filing Date	October 21, 2003
		First Named Inventor	HIGGINS, Michael Francis
		Art Unit	2676
		Examiner Name	LUU, Matthew
Sheet 1 of 4	Attorney Docket Number	08831.0060	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML		US-4,439,759	03-27-1984	Fleming et al	
ML		US-5,416,890	05-16-1995	Beretta	
ML		US-5,438,649	08-01-1995	Ruetz	
ML		US-5,448,652	09-05-1995	Vaidyanathan et al	
ML		US-5,450,216	09-12-1995	Kasson	
ML		US-5,719,639	02-17-1998	Imamura	
ML		US-5,731,818	03-24-1998	Wan et al	
ML		US-5,933,253	08-03-1999	Ito et al	
ML		US-6,297,828 B1	10-02-2001	Samba et al	
ML		US-6,360,008 B1	03-19-2002	Suzuki et al	
ML		US-4,737,843	04-12-1988	Spencer	
ML		US-4,946,259	08-07-1990	Matino et al	
ML		US-5,642,176	08-24-1997	Abukawa et al	
ML		US-5,661,371	08-26-1997	Salemo et al	
ML		US-5,724,112	03-03-1998	Yoshida et al	
ML		US-5,748,828	05-05-1998	Steiner et al	
ML		US-5,751,268	05-12-1998	Sheridon	
ML		US-5,880,707	03-09-1999	Aratani	
ML		US-5,899,550	05-04-1999	Masaki	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code ² -Number ² -Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
ML		WO 2004/086128 A1	10-07-2004	Kim et al		
ML		WO 01/37251 A1	05-25-2001	Hirano et al		
ML		JP 6-261332				Full English

Examiner Signature	MATTHEW LUU	Date Considered	2/14/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional). ‡ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *** Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22131-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

December 13, 2005

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/690,716
		Filing Date	October 21, 2003
		First Named Inventor	HIGGINS, Michael Francis
		Art Unit	2676
		Examiner Name	LUU, Matthew
Sheet 2 of 4	Attorney Docket Number	08831.0060	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.†	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ML		US-5,903,366	05-11-1999	Hirabayashi et al	
ML		US-5,929,843	07-27-1999	Tanioka	
ML		US-5,990,997	11-23-1999	Jones et al	
ML		US-5,995,669	11-30-1999	Shingu et al	
ML		US-6,100,872	08-08-2000	Aratani et al	
ML		US-6,147,728	11-14-2000	Okumura et al	
ML		US-6,262,698 B1	07-17-2001	Blum	
ML		US-6,384,836 B1	05-07-2002	Naylor, Jr. et al	
ML		US-6,453,067 B1	09-17-2002	Morgan et al	
ML		US-6,459,419 B1	10-01-2002	Matsubayashi	
ML		US-6,633,302 B1	10-14-2003	Ohsawa et al	
ML		US-6,714,212 B1	03-30-2004	Tsuboyama et al	
ML		US-6,714,243 B1	03-30-2004	Mathur et al	
ML		US-6,724,934 B1	04-20-2004	Lee et al	
ML		US-6,750,874 B1	06-15-2004	Kim	
ML		US-6,771,028 B1	08-03-2004	Winters	
ML		US-6,781,626 B1	08-24-2004	Wang	
ML		US-2001/0019382 A1	09-06-2001	Song et al	
ML		US-2002/0063670 A1	05-30-2002	Yoshinaga et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.†	Foreign Patent Document Country Code ² -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	MATTHEW LUU	Date Considered	8/04/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. † Applicant's unique citation designation number (optional). ‡ See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. § Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ¶ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ** Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *** Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22131-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	10/690,716
		Filing Date	October 21, 2003
		First Named Inventor	HIGGINS, Michael Francis
		Art Unit	2676
		Examiner Name	LUU, Matthew
		Attorney Docket Number	08831.0060
Sheet	3	of	4

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (f/taos)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
M.L.		US-2002/0180688 A1	12-05-2002	Drzal et al	
M.L.		US-2002/0191130 A1	12-19-2002	Liang et al	
M.L.		US-2003/0128872 A1	07-10-2003	Lee et al	
M.L.		US-2003/0151894 A1	08-14-2003	Lee et al	
M.L.		US-2003/0193058 A1	10-16-2003	Takayama et al	
M.L.		US-2003/0214499 A1	11-20-2003	Ohsawa et al	
M.L.		US-2004/0046725 A1	03-11-2004	Lee	
M.L.		US-2004/0072380 A1	04-15-2004	Yamazaki et al	
M.L.		US-2004/0095521 A1	05-20-2004	Song et al	
M.L.		US-2004/0169807 A1	09-02-2004	Rho et al	
M.L.		US-2004/0179160 A1	09-16-2004	Rhee et al	
M.L.		US-2004/0195963 A1	10-07-2004	Choi et al	
M.L.		US-2004/0222999 A1	11-11-2004	Choi et al	
M.L.		US-2004/0223005 A1	11-11-2004	Lee	
M.L.		US-2003/0058466 A1	03-27-2003	Hoshuyama	
M.L.		US-2003/0117457 A1	06-26-2003	Qiao	
M.L.		US-2003/0179212 A1	09-25-2003	Matsushiro et al	
M.L.		US-2005/0031199 A1	02-10-2005	Ben-Chorin et al	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² -Number ³ -Kind Code ⁴ (f/taos)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁵

Examiner Signature	MATTHEW LUU	Date Considered	8/24/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22131-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

December 13, 2005

PTQ/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid Office control number.			
Substitute for form 1449/PTO			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			
Sheet	4	of	4

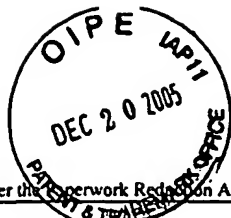
[illegible][illegible]

Examiner Signature	MATTHEW LUU	Date Considered	8/24/06
-----------------------	-------------	--------------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * Applicant's unique citation designation number (optional). * See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. * Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). * For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. * Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. * Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 2213-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Duplication of the IDS filed on December 13, 2005.

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	10/690,716
Filing Date	October 21, 2003
First Named Inventor	HIGGINS, Michael Francis
Art Unit	2676
Examiner Name	LUU, Matthew
Attorney Docket Number	08831.0060

Sheet 2 of 4

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-5,903,366	05-11-1999	Hirabayashi et al	
		US-5,929,843	07-27-1999	Tanioka	
		US-5,990,997	11-23-1999	Jones et al	
		US-5,995,669	11-30-1999	Shingu et al	
		US-6,100,872	08-08-2000	Aralani et al	
		US-6,147,728	11-14-2000	Okumura et al	
		US-6,262,698 B1	07-17-2001	Blum	
		US-6,384,836 B1	05-07-2002	Naylor, Jr. et al	
		US-6,453,067 B1	09-17-2002	Morgan et al	
		US-6,459,419 B1	10-01-2002	Matsubayashi	
		US-6,633,302 B1	10-14-2003	Ohsawa et al	
		US-6,714,212 B1	03-30-2004	Tsuboyama et al	
		US-6,714,243 B1	03-30-2004	Mathur et al	
		US-6,724,934 B1	04-20-2004	Lee et al	
		US-6,750,874 B1	06-15-2004	Kim	
		US-6,771,928 B1	08-03-2004	Winters	
		US-6,781,626 B1	08-24-2004	Wang	
		US-2001/0019382 A1	09-06-2001	Song et al	
		US-2002/0063670 A1	05-30-2002	Yoshinaga et al	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner
Signature

MATTHEW LUU

Date

Considered

0/24/06

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST .16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22113-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22113-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/690,716
				Filing Date	October 21, 2003
				First Named Inventor	HIGGINS, Mich��el Francis
				Art Unit	2676
				Examiner Name	LUU, Matthew
Sheet	3	of	4	Attorney Docket Number	08831.0060

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-2002/0180688 A1	12-05-2002	Drzaic et al.	
		US-2002/0191130 A1	12-19-2002	Liang et al.	
		US-2003/0128872 A1	07-10-2003	Lee et al.	
		US-2003/0151694 A1	08-14-2003	Lee et al.	
		US-2003/0193056 A1	10-16-2003	Takayama et al.	
		US-2003/0214499 A1	11-20-2003	Ohsawa et al.	
		US-2004/0046725 A1	03-11-2004	Lee	
		US-2004/0072380 A1	04-15-2004	Yamazaki et al.	
		US-2004/0085521 A1	05-20-2004	Song et al.	
		US-2004/0169807 A1	09-02-2004	Rho et al.	
		US-2004/0179160 A1	09-16-2004	Rhee et al.	
		US-2004/0195963 A1	10-07-2004	Choi et al.	
		US-2004/0222899 A1	11-11-2004	Choi et al.	
		US-2004/0223005 A1	11-11-2004	Lee	
		US-2003/0058466 A1	03-27-2003	Hoshuyama	
		US-2003/0117457 A1	06-26-2003	Qiao	
		US-2003/0179212 A1	09-25-2003	Matsushiro et al.	
		US-2005/0031199 A1	02-10-2005	Ben-Chorin et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶

Examiner Signature	MATTHEW LUU	Date Considered	8/24/06
--------------------	-------------	-----------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST .16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 2213-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22131-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

[illegible][illegible]

Examiner Signature	MATTHEW LUU	Date Considered	8/24/06
-----------------------	-------------	--------------------	---------

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22113-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22113-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.